

Rabbit Anti-Myelin Basic Protein (MBP) [EP207]: RM0136

Intended Use: For Research Use Only

Description: Myelin basic protein (MBP) is an intracellular protein with a highly flexible structure found in myelin of the central and peripheral nervous systems (CNS, PNS). MBP is often post-translationally modified in various ways, which includes citrullination, N-terminal acylation, deamidation and phosphorylation. MBP is expressed in oligodendrocytes in the CNS and Schwann cells in the peripheral nervous system. In the abnormal tissues, Oligodendroglioma, considered to be derived from oligodendrocytes, highly expresses MBP. MBP has also been found in tumors of the nerve sheath, including schwannoma, neurofibroma, granular cell tumors and neurogenic sarcoma. Additionally, MBP is a sensitive marker for early human fetal myelination.

Specifications:

Clone: EP207
Source: Rabbit
Isotype: IgG
Reactivity: Human
Localization: Cytoplasm
Formulation: Antibody in PBS pH7.4, containing BSA, glycerol, and $\leq 0.09\%$ sodium azide (NaN₃).
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
Applications: IHC
Package:

Description	Catalog No.	Size
Myelin Basic Protein (MBP) Concentrated	RM0136	1 ml

IHC Procedure*:

Positive Control Tissue: Brain
Concentrated Dilution: 50-200
Pretreatment: Citrate pH6.0 or EDTA pH8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.